

REMARKS

Claims 19-23, 25-36, and 38-40 are pending in the applications. Claim 19 has been amended herein. Applicants thank the Examiner for indicating that claims 20, 26, 30 and 38-40 include patentable subject matter.

The Claimed Invention

The present invention relates to a refrigerator that includes a housing having a door safety catch. The housing has at least two housing parts, including a body and at least one door, and the housing encloses a heat-insulated interior compartment.

The door safety catch includes a catch element pivotably mounted against a restoring force on a first one of the body housing part or the door housing part and a projection mounted on a second one of the body housing part or the door housing part and cooperating with the catch element. The door safety catch further includes a shaft about which the catch element can be pivoted mounted in the first one of the body housing part or the door housing part, the shaft being mounted on a side wall of the first one of the body housing part or the door housing part in a configuration in which the shaft crosses a side wall of the first one of the body housing part or the door housing part.

In related art door safety catches for refrigerators, a bearing is provided that itself is mounted to the refrigerator door or body and the shaft of the catch element is retained in this bearing. Considerable forces act on this bearing when opening and closing the refrigerator door. If the bearing is, in particular, configured as a plastic housing shell, the bearing can be damaged and even destroyed in extreme cases. On the other hand, the shaft of the catch element according to the present invention is mounted so that it crosses

a side surface of the respective door or body of the refrigerator on which the catch element is mounted, whereupon considerable forces acting on the shaft can be introduced into this respective door or body of the refrigerator and corresponding reduction in stresses on a housing shell can be achieved as well as a reduction of the mechanical loading capacity demands imposed on the housing shell.

The Rejections Under 35 U.S.C. §102(b)

Claims 19, 21-23, 25, 27, 28, and 31-36 stand rejected under 35 U.S.C. §102(b) as being anticipated by Anderson (U.S. Patent No. 2,385,961). Applicants respectfully traverse this rejection.

The grounds of rejection of the claims is the same as in the December 18, 2009 Office Action. New to this Office Action is the Response to Arguments section of the Office Action starting at page 4. In the Response to Arguments, the grounds of rejection explain that Anderson teaches all of the limitations set forth in the claims, including a catch element (38, 28, 35) with a shaft (27) about which the catch element can be pivoted and that is mounted in a first housing part (the door) while crossing a side wall (top wall 24 found in the door) of the first housing part. The Response to Arguments further provides that a section of the shaft (top end portion) engages the side wall (24) of the first housing part via a receiving portion (opening) and the shaft is mounted on the side wall in a configuration in which the shaft crosses it (see Fig. 5). Namely, the catch element is rotated so that it moves across the surfaces of members 24 and the top of the door and the shaft is mounted to and intersects/runs counter to members 24. Finally, the Response to

Arguments note that members 24 can be considered side walls of the door, indicating that these members act as barriers and form part of a housing for the latch and are located in the door.

First, Applicants respectfully submit that one of ordinary skill in the art would recognize that the sides 24 of the sheet metal housing of the latch of Anderson are not “walls” of a door. Rather, these sides are not walls in that they do not form, with other walls, for example, defined space. Further, the grounds of rejection inherently acknowledge this in providing that “the members ...form part of a housing.”

In Anderson, shaft or rod 27 of the latch is not mounted on outer side 12 or on inner plate 8 but is, instead, mounted to a structure that is not a wall - specifically, supporting plate 14 - that in fact itself is located in an interior space bounded by “walls” - the outer side 12 and the inner plate 8. Applicants note that the sides 24 of the sheet metal housing of the latch of Anderson are formed as a pair of spaced, parallel sheet metal flanges and these sides 24 of Anderson, along with the remainder of the latch of Anderson, are mounted on the supporting plate 14 that extends behind the outer side 12 of the door 7 of the Anderson refrigerator. The “shaft” 27 of the Anderson refrigerator is mounted to the “door housing part” 7 by virtue of the “shaft” or rod 27 being retained in the sheet metal latch housing having the spaced parallel sides 24 and flanges 26 with this housing, in turn, being mounted to the door 7 via screws passed through slotted openings of the flanges 26 and the flanges 26 being mounted on the supporting plate 14. Thus, Applicants respectfully submit that one of ordinary skill in the art would understand that the actual “walls” of the door 7 of the Anderson '961 refrigerator are the outer side 12 and

inner plate 8 of the door 7. As such, Applicants respectfully submit that independent claim 19 is allowable. Claims 21-23, 25, 27, 28, and 31 - 36 depend ultimately from claim 19 and are allowable for the same reasons as claim 19, as well as for their own patentable features.

The Rejections Under 35 U.S.C. §103(a)

Claim 29 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Anderson in view of Parera (U.S. Patent No. 3,733,749). Applicants respectfully traverse this rejection. As noted, Anderson discloses a refrigerator having a door safety catch. Parera discloses reversible hinges between a door and a housing part. Applicants respectfully submit that neither Anderson nor Parera, alone or in combination, disclose or suggest the refrigerator having the door safety catch of the present invention. For example, Anderson does not disclose or suggest a refrigerator having a shaft about which a catch element can be pivoted mounted in a body housing part or a door housing part, with the shaft being mounted on a side wall of this respective body housing part or door housing part in a configuration in which the shaft crosses a side wall of the respective body housing part or door housing part. Parera does not overcome the deficiencies of Anderson in the disclosure of its reversible hinges.

The Rejections Under 35 U.S.C. §112

Claims 19-23, 25-36, and 38-40 stand rejected under 35 U.S.C. §112 as being indefinite. Applicants have amended claim 19 in a manner thought to resolve the rejection, and respectfully submits that the claims are in condition for allowance.

CONCLUSION

In view of the above, allowance of claims 19-23, 25-36, and 38-40 is respectfully requested. If the Examiner has any questions regarding the remarks herein, the Examiner is kindly requested to contact the undersigned. If an extension of time for this paper is required, petition for extension is herewith made.

Respectfully submitted,

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